Index to Surveying and Land Information Systems, *Volume 52*

AUTHORS

Acharya, Bishwa, and W. Zel Talbert, "Choosing an Optimal Surveying Technique," vol. 52, no. 4, pp. 215-218.

Aiken, Carlos (see Leick, Alfred).

Ballantyne, Brian, "Water Encroaching Over Monumented Boundaries: U.S. and Canadian Case Law," vol. 52, no. 2, pp. 75-79.

Barnes, Grenville, Book Review of *An Introduction to Urban Geographic Information Systems,* by William E. Huxhold, vol. 52, no. 3, pp. 185-186.

Brandenberger, A.J., and S.K. Ghosh, "Status of the World's Cadastral Mapping," vol. 52, no. 2, pp. 112-116.

Brinkman, Robert F. (see Brooks, Robert J.).

Brooks, Robert J., and Robert F. Brinkman, Software Review of *Kork Digital Mapping System,* vol. 52, no. 4, p. 249.

Buckner, R.B. (Ben), and Marian M. Clark, "A Comparison of Precision in Pointing to Various Targets at Different Distances," vol. 52, no. 1, pp. 41-45.

Butler, David R., and Katherine A. Schipke, "The Strange Case of the Appearing (and Disappearing) Lakes: The Use of Sequential Topographic Maps of Glacier National Park, Montana," vol. 52, no. 3, pp. 150-154.

Buyong, Taher B., and Werner Kuhn, "Local Adjustment for Measurement-Based Multipurpose Cadastral Systems," vol. 52, no. 1, pp. 25-33.

Chen, Chun-Sung, and Hung-Cheng Lin, "Estimating Excavation Volume Using New Formulas," vol. 52, no. 2, pp. 104-111.

Clark, Marian M. (see Buckner, R.B. [Ben]).

Danial, Naguib F., Reply to comments by John Gressitt concerning the article "Interpolation Between Circular Curves and Straight Lines," vol. 52, no. 1, p. 54.

Dragoo, Alan R., Software Review of *CORPSCON,* vol. 52, no. 1, p. 62.

Easa, Said M., Comment and Discussion RE: "Unified Design of Vertical Parabolic Curves," by Said Easa, vol. 52, no. 2, p. 117.

Easa, Said M., "Modified Prismoidal Method for Nonlinear Ground Profiles," vol. 52, no. 1, pp. 13-19.

Easa, Said M., "Partitioning of a Four-Sided Area with One Circular Side," vol. 52, no. 2, pp. 86-91.

Ellison, Jim, Software Review of *RLS Manager's Control Base,* vol. 52, no. 2, p. 121.

Fleming, William, Software Review of *Party Chief,* vol. 52, no. 3, p. 189.

Gerdan, George P., "Efficient Surveying with the Global Positioning System," vol. 52, no. 1, pp. 34-40.

Ghosh, S.K. (see Brandenberger, A.J.).

Greenfeld, Joshua S., "Development of Projection Tables for a Transverse Mercator Projection of NAD 83," vol. 52, no. 4, pp. 219-226.

Gressitt, John, Comment and Discussion RE: "Interpolation Between Circular Curves and Straight Lines," by Naguib F. Danial, vol. 52, no. 1, p. 54.

Holdahl, Sandford R., "A Dynamic Vertical Reference System," vol. 52, no. 2, pp. 92-103.

Kor, James (see Leick, Alfred).

Kuang, Shanlong, "Geodetic Network Optimization: A Handy Tool for Surveying Engineers," vol. 52, no. 3, pp. 169-183.

Kuhn, Werner (see Buyong, Taher B.).

Kumar, Muneendra, Book Review of *GPS Satellite Surveying,* by Alfred Leick, vol. 52, no. 4, p. 246.

Leick, Alfred, Carlos Aiken, and James Kor, "Definition of the Vertical for the Superconducting Super Collider Using GPS, Leveling, and Gravity," vol. 52, no. 2, pp. 69-74.

Lin, Hung-Cheng (see Chen, Chun-Sung).

Loon, Joseph C., Book Review of *Geographical Information Systems: A Guide to the Technology,* by John C. Antennucci, Kay Brown, Peter L. Croswell, Michael J. Kevany, and Hugh Archer, vol. 52, no. 1, p. 56.

Loon, Joseph C., Book Review of *Geographical Information Systems: Principles and Applications,* by David J. Maguire, Michael F. Goodchild, and David W. Rhind, vol. 52, no. 1, p. 58.

Nygren, Harley D., Comment and Discussion RE: "Dinkum Sands: Cadastral Survey's Most Northerly Project," by Jerry L. Pinkerton, vol. 52, no. 1, p. 55.

Oren, Will (see Wand, Bernd).

Ozone, Mohammad Id, "Microwave Path Radius of Curvature at an EDM Station," vol. 52, no. 1, pp. 20-24.

Parr, Daniel M., "Land Data in Local Government Automation," vol. 52, no. 1, pp. 5-12.

Ramirez, J. Raul, Book Review of *Time in Geographic Information Systems,* by Gail Langran, vol. 52, no. 4, p. 247.

Revhaug, Inge, Book Review of *Surveying,* by Jack B. Evett, vol. 52, no. 3, pp. 187-188.

Richards, John H. (see Zilkoski, David B.).

Špoljarić, Drago (see Solarić, Nikola).

Salsig, Gerry, "Teaching Plane-Table Mapping Without Fieldwork," vol. 52, no. 4, pp. 227-230.
Schipke, Katherine A. (see Butler, David R.).
Schmidt, Steven J., and Thomas B. Berns, "Perpetuation of the U.S. Public Land Survey System in Illinois," vol. 52, no. 4, pp. 235-244.
Schweitzer, George, Book Review of *Report Four—Metes and Bounds Descriptions,* by Jesse E. Fant, Alver R. Freeman, and Carlisle Madson, vol. 52, no. 2, p. 118.
Sherman, Todd M., "A Direct Solution for Computing Astronomic Longitudes Observed with the Precision Star Sensor Eyepiece Theodolite," vol. 52, no. 4, pp. 231-234.
Smith, J.R., Comment and Discussion RE: "The Gunter's Chain," by Patrick Toscano, vol. 52, no. 1, p. 54.
Smith, J.R., Comment and Discussion RE: "Maximizing Accuracy in Stadia Surveying," by Said M. Easa, vol. 52, no. 1, p. 54.
Smith, J.R., Comment and Discussion RE: "Partitioning of a Four-Sided Area with One Circular Side," by Said M. Easa, vol. 52, no. 4, p. 245.
Soehngen, Henry F., Zabdiel A. Blackman, and Erik Lange, "Pair-Point GPS Over a Total County, Nassau County, New York: A Project with Future GIS, Engineering, and Surveying Implications," vol. 52, no. 4, pp. 197-214.
Solarić, Nikola, and Drago Špoljarić, "Accuracy of the Automatic Astronomical Azimuth Determination by Polaris with Leica-Kern E2 Electronic Theodolite," vol. 52, no. 2, pp. 80-85.
Stevenson, Paula J., "Fundamentals of Large-Format Scanning Technology," vol. 52, no. 3, pp. 163-168.
Stoughton, Herbert W., "Some Notes About the U.S. Coast and Geodetic Survey's Collimation (Error) Test," vol. 52, no. 3, pp. 155-162.
Straight, Wendy J. Woodbury, Book Review of *Surveying Sisters: Women in a Traditional Male Profession,* vol. 52, no. 2, p. 119.
Talbert, W. Zel (see Acharya, Bishwa).
Teskey, W.F., "Trigonometric Leveling in Precise Engineering Surveys," vol. 52, no. 1, pp. 46-53.
Thapa, K., Book Review of *Control Networks, Large Scale Mapping, Legal Surveys Cadastre, Land Property Registration, Land Information Systems Around the World,* by H.J. Matthias, vol. 52, no. 1, p. 56.
Toscano, Patrick, Book Review of *Simplified Site Engineering,* by Harry Parker, John W. Macquire, and James Ambrose, vol. 52, no. 2, p. 118.
Toscano, Patrick, Book Review of *Georgia Land Surveying History and Law,* by Ferris W. Caddle, vol. 52, no. 3, p. 184.
Toscano, Patrick, Reply to J.R. Smith's letter commenting on the article "The Gunter's Chain," by Patrick Toscano, vol. 52, no. 2, p. 117.
Young, Gary M. (see Zilkoski, David B.).
Zilkoski, David B., John H. Richards, and Gary M. Young, "Results of the General Adjustment of the North American Vertical Datum of 1988," vol. 52, no. 3, pp. 133-149.

ARTICLES

Solarić, Nikola, and Drago Špoljarić, "Accuracy of the Automatic Astronomical Azimuth Determination by Polaris with Leica-Kern E2 Electronic Theodolite," vol. 52, no. 2, pp. 80-85.
Acharya, Bishwa, and W. Zel Talbert, "Choosing an Optimal Surveying Technique," vol. 52, no. 4, pp. 215-218.
Buckner, R.B. (Ben), and Marian M. Clark, "A Comparison of Precision in Pointing to Various Targets at Different Distances," vol. 52, no. 1, pp. 41-45.
Leick, Alfred, Carlos Aiken, and James Kor, "Definition of the Vertical for the Superconducting Super Collider Using GPS, Leveling, and Gravity," vol. 52, no. 2, pp. 69-74.
Greenfeld, Joshua S., "Development of Projection Tables for a Transverse Mercator Projection of NAD 83," vol. 52, no. 4, pp. 219-226.
Sherman, Todd M., "A Direct Solution for Computing Astronomic Longitudes Observed with the Precision Star Sensor Eyepiece Theodolite," vol. 52, no. 4, pp. 231–234.
Holdahl, Sandford R., "A Dynamic Vertical Reference System," vol. 52, no. 2, pp. 92-103.
Gerdan, George P., "Efficient Surveying with the Global Positioning System," vol. 52, no. 1, pp. 34-40.
Chen, Chun-Sung, and Hung-Cheng Lin, "Estimating Excavation Volume Using New Formulas," vol. 52, no. 2, pp. 104-111.
Stevenson, Paula J., "Fundamentals of Large-Format Scanning Technology," vol. 52, no. 3, pp. 163-168.
Kuang, Shanlong, "Geodetic Network Optimization: A Handy Tool for Surveying Engineers," vol. 52, no. 3, pp. 169-183.
Parr, Daniel M., "Land Data in Local Government Automation," vol. 52, no. 1, pp. 5-12.
Buyong, Taher B., and Werner Kuhn, "Local Adjustment for Measurement-Based Multipurpose Cadastral Systems," vol. 52, no. 1, pp. 25-33.
Ozone, Mohammad Id, "Microwave Path Radius of Curvature at an EDM Station," vol. 52, no. 1, pp. 20-24.
Easa, Said M., "Modified Prismoidal Method for Nonlinear Ground Profiles," vol. 52, no. 1, pp. 13-19.
Soehngen, Henry F., Zabdiel A. Blackman, and Erik Lange, "Pair-Point GPS Over a Total County, Nas-

sau County, New York: A Project with Future GIS, Engineering, and Surveying Implications," vol. 52, no. 4, pp. 197-214.
Easa, Said M., "Partitioning of a Four-Sided Area with One Circular Side," vol. 52, no. 2, pp. 86-91.
Schmidt, Steven J., and Thomas B. Berns, "Perpetuation of the U.S. Public Land Survey System in Illinois," vol. 52, no. 4, pp. 235-244.
Zilkoski, David B., John H. Richards, and Gary M. Young, "Results of the General Adjustment of the North American Vertical Datum of 1988," vol. 52, no. 3, pp. 133-149.
Stoughton, Herbert W., "Some Notes About the U.S. Coast and Geodetic Survey's Collimation (Error) Test," vol. 52, no. 3, pp. 155-162.
Brandenberger, A.J., and S.K. Ghosh, "Status of the World's Cadastral Mapping," vol. 52, no. 2, pp. 112-116.
Salsig, Gerry, "Teaching Plane-Table Mapping Without Fieldwork," vol. 52, no. 4, pp. 227-230.
Teskey, W.F., "Trigonometric Leveling in Precise Engineering Surveys," vol. 52, no. 1, pp. 46-53.
Ballantyne, Brian, "Water Encroaching Over Monumented Boundaries: U.S. and Canadian Case Law," vol. 52, no. 2, pp. 75-79.
Butler, David R., and Katherine A. Schipke, "The Strange Case of the Appearing (and Disappearing) Lakes: The Use of Sequential Topographic Maps of Glacier National Park, Montana," vol. 52, no. 3, pp. 150-154.

BOOK REVIEWS

Barnes, Grenville, *An Introduction to Urban Geographic Information Systems,* by William E. Huxhold, vol. 52, no. 3, p. 185.
Thapa, K., *Control Networks, Large Scale Mapping, Legal Surveys Cadastre, Land Property Registration, Land Information Systems Around the World,* by H.J. Matthias, vol. 52, no. 1, p. 56.
Loon, Joseph C., *Geographical Information Systems: A Guide to the Technology,* by John C. Antennucci, Kay Brown, Peter L. Croswell, Michael J. Kevany, and Hugh Archer, vol. 52, no. 1, p. 56.
Loon, Joseph C., *Geographical Information Systems: Principles and Applications,* by David J. Maguire, Michael F, Goodchild, and David W. Rhind, vol. 52, no. 1, p. 58.
Toscano, Patrick, *Georgia Land Surveying History and Law,* by Ferris W. Caddle, vol. 52, no. 3, p. 184.
Kumar, Muneendra, *GPS Satellite Surveying,* by Alfred Leick, vol. 52, no. 4, p. 246.
Schweitzer, George, *Report Four--Metes and Bounds Descriptions,* by Jesse E. Fant, Alver R. Freeman, and Carlisle Madson, vol. 52, no. 2, p. 118.
Toscano, Patrick, *Simplified Site Engineering,* by Harry Parker, John W. Macquire, and James Ambrose, vol. 52, no. 2, p. 118.
Revhaug, Inge, *Surveying,* by Jack B. Evett, vol. 52, no. 3, p. 187.
Straight, Wendy J. Woodbury, *Surveying Sisters: Women in a Traditional Male Profession,* vol. 52, no. 2, p. 119.
Ramirez, J. Raul, *Time in Geographic Information Systems,* by Gail Langran, vol. 52, no. 4, p. 247.

COMMENT AND DISCUSSION

Nygren, Harley D., RE: "Dinkum Sands: Cadastral Survey's Most Northerly Project," by Jerry L. Pinkerton, vol. 52, no. 1, p. 55.
Gressitt, John, RE: "Interpolation Between Circular Curves and Straight Lines," by Naguib F. Danial, vol. 52, no. 1, p. 54.
Smith, J.R., RE: "The Gunter's Chain," by Patrick Toscano, vol. 52, no. 1, p. 54.
Smith, J.R., RE: "Maximizing Accuracy in Stadia Surveying," by Said M. Easa, vol. 52, no. 1, p. 54.
Smith, J.R., RE: "Partitioning of a Four-Sided Area with One Circular Side," by Said M. Easa, vol. 52, no. 4, p. 245.
Easa, Said M., RE: "Unified Design of Vertical Parabolic Curves," by Said Easa, vol. 52, no. 2, p. 117.
Danial, Naguib F., Reply to comments by John Gressitt concerning the article "Interpolation Between Circular Curves and Straight Lines," vol. 52, no. 1, p. 54.
Toscano, Patrick., Reply to J.R. Smith's letter commenting on "The Gunter's Chain," by Patrick Toscano, vol. 52, no. 2, p. 117.

SOFTWARE REVIEWS

Dragoo, Alan R., Review of *CORPSCON,* vol. 52, no. 1, p. 62.
Brooks, Robert J., and Robert F. Brinkman, Review of *Kork Digital Mapping System,* vol. 52, no. 4, p. 249.
Fleming, William, Review of *Party Chief,* vol. 52, no. 3, p. 189.
Ellison, Jim, Review of *RLS Manager's Control Base,* vol. 52, no. 2, p. 121.